
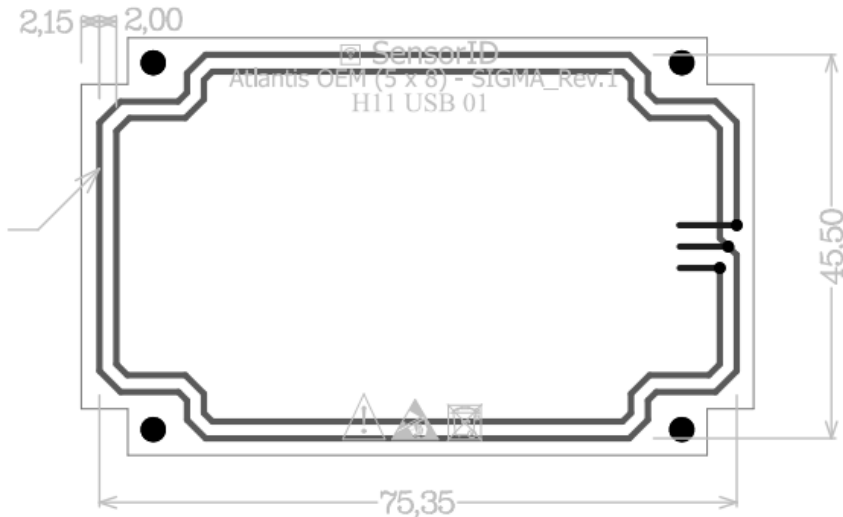
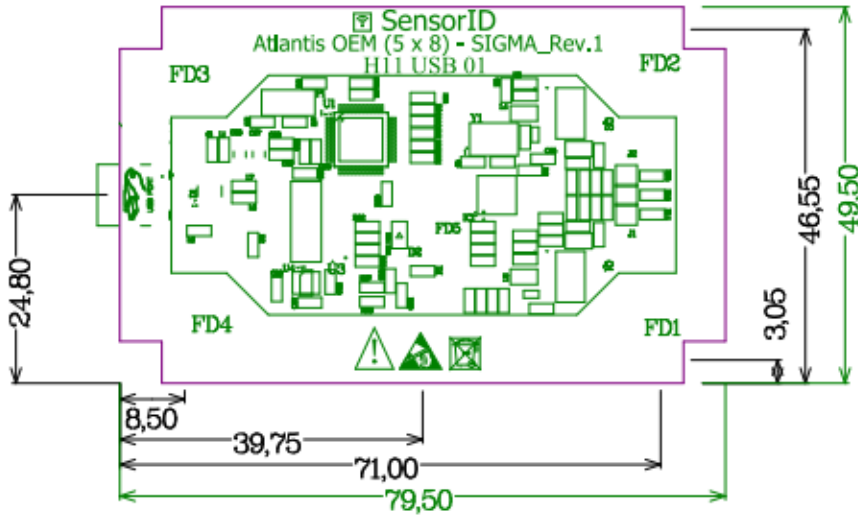

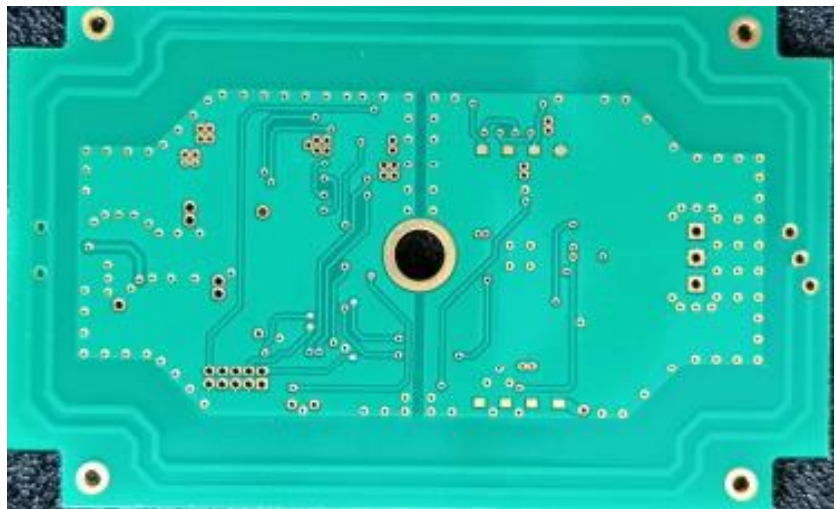

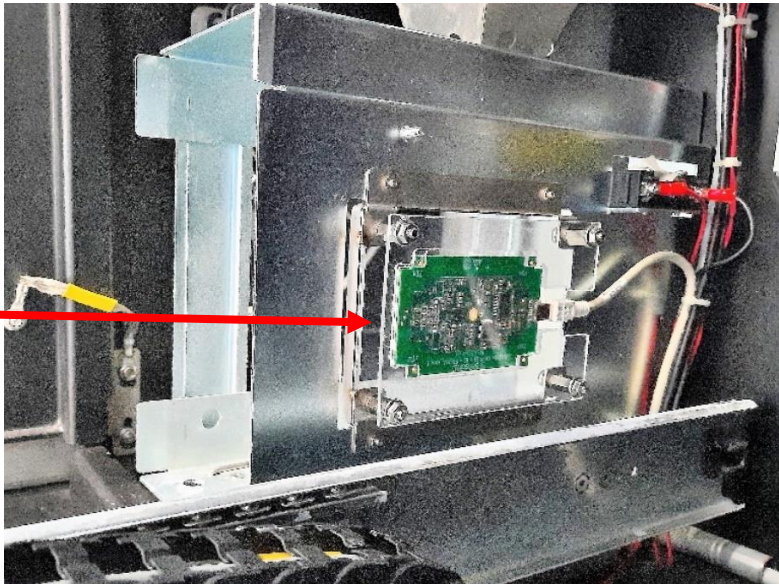


## Datasheet ATLANTIS OEM NFC H11 USB ANTENNA

Manufacturer information	Name	Sensor ID s.r.l.
	Logo	
	Address	Via Don G. Mucciardi 5 86020 Campochiaro(CB), Italy <a href="http://www.sensorid.it">www.sensorid.it</a>
Antenna identification	Model	ATLANTIS OEM NFC – H11 USB 01_02
	Description	Oem HF and NFC Reader
Antenna Information	Operating frequency	13.56 MHz
	Reference standard	ISO/IEC 14443 type A & B
	Typology	Rectangular loop antenna on the same PCB that contains the microcontroller and the RF drivers. Made of nr. 2 loops with size: 75,35 mm x 45,5 mm
	Constituent materials	Copper (nets) and FR4 (pcb)
	Impedance	About 40 Ohm
	Antenna connector	Not present*
	Notes	*The unique board connector is the USB for power supply and data exchange.
	Loop layout	
	External Dimension	Length: 79,5 mm Width: 49,5 mm Depth: 5 mm

Device mechanical characteristics	Shape details with dimensions	 <p>Technical drawing of the device showing dimensions and labels. The drawing includes a purple outline of the device and a green outline of the internal components. Dimensions are provided in millimeters: 24,80 (height of the left side), 8,50 (width of the left side), 39,75 (width of the main body), 71,00 (width of the main body), 79,50 (total width), 46,55 (height of the main body), 3,05 (height of the bottom side), and 49,50 (total height). Labels include SensorID, Atlantis OEM (5 x 8) - SIGMA_Rev.1, H11 USB 01, FD1, FD2, FD3, FD4, and FD5. There are also warning symbols at the bottom.</p>
Antenna appearance	Front view	 <p>Front view of the device showing components and labels. The device is a green printed circuit board (PCB) with various electronic components, including a USB connector, a central chip, and several smaller components. Labels include SensorID, Atlantis OEM (5 x 8) - SIGMA_Rev.1, H11 USB 01, FD1, FD2, FD3, FD4, and FD5. There are also warning symbols at the bottom.</p>
	Rear view	 <p>Rear view of the device showing the back of the PCB. The back of the PCB is green and features a central circular hole, several smaller holes, and a network of copper traces. There are also warning symbols at the bottom.</p>

	<p>Assembly board</p>	
<p>Full kit Inside application</p>	<p>External view housing cash coins</p>	
	<p>Internal view housing cash coins</p>	